# ETF Selections & Timing

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### **Plot Thickens**

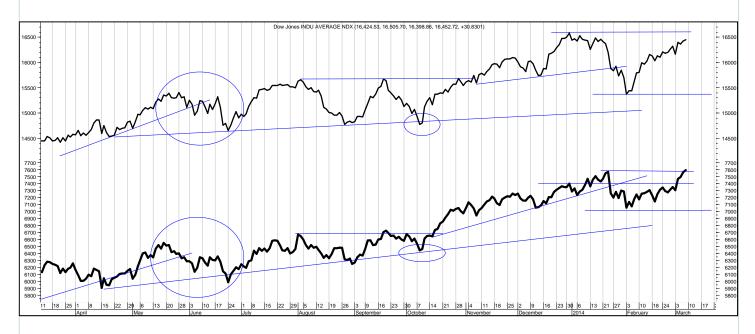
halk up another negative divergence that is a bit more pronounced than the previous one set about nine weeks before. The Dow Transports hit a new high on Friday, but was unaccompanied by the Dow Industrials. This remains a bearish signal.

As usual, the confirmation of this divergence, however, won't be made until both indexes close below their lows set prior to the divergence. Depending on how you measure it, this would be either the latest parallel low lines set at DJI 15,373 and DJT 7,074 (blue horizontal

lines) or the lows set at the first negative divergence at DJI 16,258 and DJT 7,362.

The alternative to this negative view is the market pulls back slightly and then charges ahead again with both indexes

(Continued on bottom right on page 12 see REVIEW on top)



This is the daily chart of the Dow Industrials (upper) and Dow Transports (lower)

### **SCOREBOARD** (returns year to date and past weeks to date)

Model	YTD	52-week	26-week	13-week	4-week	1-week
ETF Income Portfolio	0.2%	1.9%	2.6	0.3	0.2	-0.1%
ETF Growth Portfolio	1.2%	17.0%	10.8	2.2	2.3	0.5%
Index						
Aggrgt Bond (AGG)	1.0%	-0.3%	2.8	1.0	-0.2	-0.7%
S&P 500 TR (SPY)	2.4%	23.5%	14.5	4.6	4.7	0.9%
World Growth Index	2.3%	22.2%	14.2	4.4	5.1	0.8%

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## **Income Portfolio**

ACTION I	FOR				PORTFOL	O DETAILS			١	/alue as of	date:	2/28/2014
Action			Action	# of	Action		Stop Loss	Start	End	# of	Current	Percent of
Date	Action	Symbol	Price	Shares	Value	Symbol	as of 2/15 Description	Price	Price	Shares	Value	Total
4-Dec	sell	AGG	106.68	537	57,277							0.0%
9-Dec	buy	AGG	106.76	537	57,340							
9-Dec	buy	PCY	26.86	2,120	56,953							
	these t	w o w ill ma	ove the portfo	lio to fully	invested							
26-Dec	sell	AGG	106.39	537	57,121							0.0%
27-Jan	buy this wi	JNK Il be about	40.57 10% of portfo	285 olio	11,572							0.0%
31-Jan	sell	PCY	26.78	2,138	57,249							
3-Mar	sell	JNK	41.25	286	11,804							
						Money Ma	rket		1.00	115,277	115,277.00	100.0%
									Total V	'aluation=	115,277.00	100.0%

### **WEEKLY REVIEW**

3/10 No changes.

3/3 I'll take profits in JNK.

2/24 JNK still rallying. No changes.

2/18 Increased the stop price on JNK.

2/10 No changes.

2/3 PCY stopped out. JNK may be next. Bond market getting a bit bifurcated or trifurcated.

1/27 PCY getting close to its stop level. Buy JNK as noted above.

	2010	2011	2012	2013	ytd 2014	Incptn
ETF Income Portfolio	4.8%	3.6	4.8	1.1	0.2	15.3
Aggregate Bond	6.4%	7.7	3.9	-2.2	1.0	17.6

This shows the total returns of previous years, year to date (ytd), and from inception (incptn). It also shows standard deviation (SD).

### ETF Income Database and Ranking to 8/30/13 (pending change)

Fund Name	Symbol	Style	12m	9m	6m	3m	1m	V	NAV	Rank
iShares 1-3yr Trsry	SHY	BS	0.03	0.03	-0.07	-0.03	-0.10	0.08	84.28	****
Vngrd ShrtTrm Bond	BSV	BS	-0.19	-0.45	-0.60	-0.38	-0.27	0.23	79.96	* * * * *
iShares 3-7yr Trsry	IEI	BI	-2.51	-2.67	-2.49	-1.82	-0.77	0.51	119.88	* * * *
iShares Agg Bond	AGG	BI	-2.85	-3.32	-3.05	-2.12	-0.83	0.61	106.01	* * * *
iShares Inter Bond	MBB	BI	-3.09	-2.81	-2.91	-1.77	-0.67	0.43	104.17	* * * *
iShares Inter Gov	GVI	BI	-1.51	-2.04	-1.92	-1.35	-0.64	0.46	109.11	* * * *
Wtree Dryfs Chns Yuan	CYB	BF	4.62	2.26	2.23	0.54	0.42	0.42	26.16	* * * *
Currency Euro	FXE	BF	4.69	1.36	1.04	1.60	-0.68	1.85	130.84	* * *
iShares 10-20yr Trsry	TLH	BL	-8.69	-8.69	-6.33	-4.80	-0.97	1.55	123.42	* * *
iShares 7-10yr Trsry	IEF	BI	-6.40	-6.61	-5.56	-4.27	-1.42	1.08	100.26	* * *
iShares High Yld	HYG	BH	5.38	2.88	0.18	-0.17	-1.27	1.56	90.87	* * *
iShares Intrntl Tbond	IGOV	BW	-1.59	-3.73	-1.85	-0.50	-0.73	1.54	97.93	* * *
iShares Long Corp Bond	LQD	BL	-2.90	-4.84	-4.30	-3.17	-1.00	1.39	112.68	* * *
iShares Trsry Infltn	TIP	BI	-7.29	-8.84	-7.78	-4.71	-1.83	1.18	110.64	* * *
PS 1-30 Ldr Trsry	PLW	BI	-8.64	-8.31	-5.99	-4.31	-0.96	1.45	29.88	* * *
PS Bld America	BAB	BI	-5.98	-7.40	-8.54	-7.83	-1.41	1.59	27.14	* * *
PS DB Dollar Bearish	UDN	BF	-1.27	-2.51	0.04	1.65	-0.49	1.29	26.42	* * *
PS DB Dollar Bullish	UUP	BF	-0.49	1.23	-0.80	-1.86	0.41	1.28	22.19	* * *
PS DB G10 Currency	DBV	BF	-0.76	-4.00	-7.09	-6.64	-2.44	1.72	24.75	* * *
PS Fdmntl Hi Yield Corp	PHB	BH	3.25	1.31	-0.10	-0.99	-0.88	1.23	18.71	* * *
PS Insrd CA Muni	PWZ	BI	-6.48	-9.21	-8.53	-7.65	-2.25	1.29	22.72	* * *
PS Insrd NY Muni	PZT	BI	-9.02	-11.54	-10.28	-8.91	-2.61	1.51	21.68	* * *
PS Prfd	PGX	BF	-0.95	-2.38	-4.30	-4.81	-1.65	1.18	13.68	* * *
SPDR High Yield	JNK	BH	5.27	2.46	0.00	-0.75	-1.03	1.56	39.46	* * *
SPDR Intrntl TBond	BWX	BW	-4.13	-5.75	-2.63	-0.53	-1.15	1.48	56.79	* * *
Vngrd Intrmdt Bond	BND	BI	-2.94	-3.28	-2.96	-2.12	-0.86	0.62	79.99	* * *
Wtree Dryfs Comdty Cur	CCX	BF	-6.19	-7.08	-8.09	-3.79	-2.15	1.55	19.55	* * *
Wtree Dryfs Emrg Crrncy	CEW	BF	-3.44	-5.57	-6.78	-3.77	-2.82	1.44	19.65	* * *
iShares 20+ yr Trsry	TLT	BL	-14.79	-13.35	-9.34	-6.72	-1.34	2.46	105.71	* *
PS Emrg Mrkt Svrgn Debt	PCY	BW	-8.80	-13.37	-11.06	-7.86	-3.36	2.67	26.24	* *
PS Insrd Natl Muni	PZA	BI	-8.56	-11.75	-10.49	-9.01	-1.56	1.56	22.52	* *
Wtree Dryfs Brazil Real	BZF	BF	-10.67	-7.36	-15.28	-9.16	-3.29	2.37	16.75	* *
Wtree Emrg Mrkt Lcl Debt	ELD	BF	-7.81	-11.12	-12.85	-8.94	-4.35	2.09	45.45	* *
Wtree Dryfs Indn Rupee	ICN	BF	-11.22	-13.71	-15.13	-13.34	-5.23	2.58	18.12	*

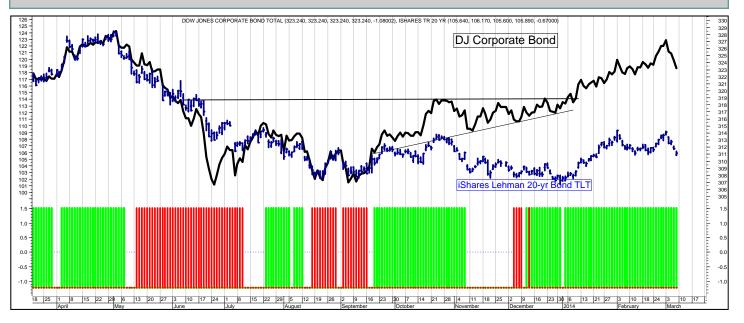
This is the ETF Income Database and Ranking. It shows performance over the last 12, 9, 6, 3, and 1 months through the previous month's end. V is Volatility. NAV is price. CS is Comet Strength (not shown). C is Comet (not shown), which is an ETF's risk-adjusted performance; the higher the better. V, CS, and C are proprietary tools. Rank column shows the number of comets.

#### ETF LEGEND for pages 3 (Bond), and 7, 8, 9, and 10 (Equity):

Column headings: The first column shows the ETF name, the second column shows it symbol. The third column shows the ETF Style. The first letter is always either B (Bond) or E (Equity) or H (Hybrid). The next letter(s) is the style. So, BS-bond short, BI-bond intermediate, BL-bond long, BF-flexible, BW-world, BH-high yield. And for Equity, EA-equity aggressive, EC-equity contrary, EG-equity gold (precious metals), ESC -small cap, EMC-mid cap, ELC-large cap, EW-world, EGI-growth/income, ERE-real estate, EV-value. Columns 4-8 shows percentage returns for the periods shown (12 months, 9, 6, 3, and 1 month). Column 9 is V (volatility); a measure of risk; the lower the V, the less risk. Column 10 is the NAV. Column 11 is the C (comet) ranking. C is the risk-adjusted (V) relative performance (CS). The higher the C indicates the most return for the amount of risk taken.

Generally, our ETF strategy is to own the top ranked ETFs (shown in green) and avoid or short the lower ranked ETFs (shown in red).

## **SLM Bond Timing Model**



The SLM Bond Timing Model is based on the expected direction of the Corporate Bond market. The green bars are bullish (expect higher prices and lower yields) and the red bars are bearish (expect lower prices and higher yields). White spaces indicate that the previous signal is still in effect.

#### **WEEKLY REVIEW**

- 3/10 No changes.
- 3/3 The bond model is still bullish, unfortunately I'm out. Will try to find a reentry area.
- 2/24 No changes.
- 2/18 Consolidation phase. With the economy stronger than expected, even accounting for the horrific winter weather, can't see bonds rallying further.
- 2/10 The bond market has broke its uptrend from what could be a valid breakout zone. This is drawn on the chart above by the last trend lines. Will watch for subsequent action and economic news to decide whether to buy on the pullback or continue to stand aside.
- 2/3 The corporate and Treasury bond markets are doing better than foreign and junk. Unfortunately, don't own any. I was expecting more weakness, rather than strength.
- 1/27 No changes.
- 1/20 No changes.

## **Income Charts (DAILY)**



#### LQD—-Investment Grade Corporate

3/10 No changes.

3/3 No changes.

2/24/ No changes.

2/18 No changes.

2/10 No changes.

2/3 No changes.



#### AGG—Aggregate Bond Market

3/10 No changes.

3/3 No changes.

2/24 No changes.

2/18 No changes.

2/10 No changes.

2/3 No changes.



#### JNK---hi-yield bonds

3/10 No changes.

3/3 Overextended. Will take profits.

2/24 No changes.

2/18 Since JNK is the only bond ETF notching recovery highs here of the 4 shown, I've put a very tight stop on the position. See page 2.

2/10 No changes.

2/3 No changes.



#### PCY—--International Bonds

3/10 No changes.

3/3 No changes.

2/24 No changes.

2/18 No changes.

2/10 The last blue spike is the 'buy' from last week's comment. I am standing aside, however.

2/3 Watch for PCY to go below December lows and then possible reversal.

Each chart shows daily (or weekly if noted in page title at top) prices, a moving average (smoothed green line on price portion), and blue or green spikes. The spikes show potential buy signals. The red lines are price channels. The charts do not show sell signals.

## Growth Portfolio (changed as of 12/10/12, 9/23/13)

<b>ACTION</b>	FOR				PORTFOLK	O DETAILS				١	/alue as of	date:	2/28/2014
Action			Action	# of	Action				Start	Ending	# of	Current	Percent of
Date	Action	Symbol	Price	Shares	Value	Symbol	Stop Loss	Description	Price	Price	Shares	Value	Total
13-Feb	buy	EEM	39.13	539.00	21,101	World Grov	w th						
13-Feb	buy	EFA	66.28	318.00	21,087	EEM		Emrg Mrkt	39.13	39.52	539.000	21,301.28	14.8%
13-Feb	buy	WM	113.68	185.00	21,041	EFA		Euro Asia	66.28	67.66	318.000	21,515.88	15.0%
13-Feb	buy	QQQ	89.54	235.00	21,052	IWM		Rusl 2000	113.68	119.70	185.000	22,144.50	15.4%
13-Feb	buy	SPY	182.85	115.00	21,038	QQQ		Nsdq 100	89.54	90.53	235.000	21,274.55	14.8%
13-Feb	buy	DFE	60.48	93.00	5,635	SPY		S&P 500	182.85	188.26	115.000	21,649.90	15.1%
13-Feb	buy	PXN	8.34	674.00	5,631								
13-Feb	buy	GULF	22.09	254.00	5,621	C-lect 5							
13-Feb	buy	PJP	56.88	99.00	5,641	DFE			60.48	63.19	93.000	5,876.67	4.1%
13-Feb	buy	PPA	31.71	177.00	5,623	UNG			26.12	25.60	215.000	5,504.00	3.8%
						GULF			22.09	22.26	254.000	5,654.04	3.9%
						PJP			56.88	59.06	99.000	5,846.94	4.1%
24-Feb	buy	UNG	26.12	215.00	5,626	PBE			45.05	45.95	129.000	5,927.55	4.1%
26-Feb	liquidtd	PXN	8.36	674.00	5,625	Tw o poten	tial w ays to	sell: stop loss	about 10%	% low er or t	timing model	signals sell	
						Tw o poten	tial ways to	buy: "low er-r	isk w indov	ı" may opeı	n or timing n	nodel signals b	uy.
3-Mar	sell	PPA	32.64	177.00	5,767								
3-Mar	buy	PBE	45.05	129.00	5,821	C-lect Short	rt						
			this will be	about 4%	of ttl	(under con	struction)						
						Cash from	chart			1.00			0.0%
						Money Mar				1.00	- 7,119	7,119.00	5.0%
						woney war	KEL				_ ۲,۱۱۹ _valuation=		100.0%
						<u> </u>				rotal	v aiualion=	143,814.31	100.0%

#### WEEKLY REVIEW

- 3/10 No changes. The sell stop is about 10% away from the current portfolio value.
- 3/3 Make the sell and buy as noted above.
- 2/24 PXN will be liquidated this week and was deleted from the database. UNG is the new buy.
- 2/18 Moved back into positions last week as noted above. The stop is about 5% away.

2/10 The portfolio is in cash, but see page 7 for the new C-lect 5 recommendation to buy/sell. Currently the C-lect 5 timing is based on the World Growth Model timing. It is on a sell, so we are fully in cash. I may do some further testing to see if direct timing on the C-lect 5 model may provide more timely entry and exit points in order to boost profits.

	2010	2011	2012	2013	ytd 2014	Incptn
ETF Growth Portfolio	8.1%	6.9	-2.1	25.7	1.2	43.8
World Growth Index	17.2%	-4.1	15.1	30.5	2.3	72.6

The ETF Growth Portfolio changed as of 12/10/12 and again 9/23/13. It is following the new World Growth Model (WGM), which uses the same 5 etfs (EEM, EFA, IWM, QQQ, SPY) as the World Growth Index (WGI). The difference between the two is WGM uses timing and WGI is always fully invested and WGI is rebalanced to 20% in each position daily (this accounts for the different returns when WGM is invested and held). Based on the successful back testing strategy, C-lect 5 was added to the portfolio. Returns are of previous years (to last Friday in year), year to date (ytd) (from last Friday in previous year), and from inception (incptn). It also shows standard deviation (SD). The green highlight (2013, 2014) is to highlight the aforementioned changes.

Fund Name	Symbol	Style	С
W tree Middle East Div	GULF	EW	20.81
PS Dynmc Pharma	PJP	ΕA	13.39
W tree Eur SC Div	DFE	ΕW	12.31
US Natural Gas	UNG	ΕA	11.09
PS Dynmc Biotech	PBE	ΕA	10.51
PS Aerospace & Def	PPA	ΕA	9.61
Vngrd Health	VHT	ΕA	8.61
PS DB Agriculture	DBA	ΕA	8.08
PS Dynm c Healthcare	PTH	ΕA	7.87
PS NASDAQ Intrnt	PNQI	ΕA	7.66
Select SPDR Health	XLV	ΕA	7.61
PS Dynm c Software	PSJ	ΕA	7 .5 2
PS Q Q Q	QQQ	ELC	7.15
PS Dynmc Networking	PXQ	ΕA	7.07
Vngrd Tech	VGT	ΕA	7.02
PS Dynmc Semicndctr	PSI	ΕA	6.89
PS Gibi Clean Enrgy	PBD	E W	6.71
iShares DJ US Home Constr.	ITB	ΕA	6.30
Guggnhm Shipping	SEA	ΕA	6.05
PS Fincl Pfd	PGF	EGI	5.63
PS Glbl Water	PIO	E W	5 . 4 3
PS Dynmc Lrg Cap Grth	PW B	ELC	5 . 3 4
PS Dynmc Bldg Cnstrctn	PKB	ΕA	5.23
iShares Italy Indx	EW I	E W	5.10
Select SPDR Technigy	XLK	ΕA	4.92
iShares Prfrd	PFF	EGI	4.88
PS Dynmc Media	PBS	ΕA	4.80
PS S&P Sm ICap Hith Care	PSCH	ΕA	4.56
Guggnhm RJ All	RYJ	ELC	4.55
PS S&P Sm ICap M trls	PSCM	E A	4.53
Guggnhm Glbl W tr	CGW	E W	4.49
Select SPDR Indi	XLI	ΕA	4.44
PS Cleantech	PZD	EA	4.36
PS Dyn Mrkt	PW C	ELC	4.34
PS S&P Sm ICap Indstrils	PSCI	E A	4.12
Vngrd Extnd 4500	VXF	ELC	4.05
PS DWA Dvlpd Mrkt T Ldrs Vngrd Grth	P IZ V U G	E L C	4.04
SPDR S&P Regional Banking	V U G K R E	ELC	4.02 3.99
iShares Spain	EW P	EW	3.87
PS DW A Tech Ldr	PDP	ELC	3.87
PS S&P Sm ICap Info Tech	PSCT	EA	3.85
Market Vectors Semiconductor	SMH	EA	3.68
Vngrd Small Cap Grth	VBK	ESC	3.68
PS Dynm c Utilities	PUI	E A	3.63
PS Water Resources	PHO	EA	3.58
PS Dynmc Basic Matrl	PYZ	EΑ	3.58
iShares Russell 1000 Grwth Indx	IW F	ELC	3.54
PS Zacks Micro Cap	PZI	ESC	3.52
iShares Germany Indx	EW G	E W	3.51
The state of the s	0	**	3.31

This page and the next three show the equity ETF database rankings from high to low based on C. C is Comet, which is the risk-adjusted relative performance; the higher the C ranking, the better. Comets, not stars, because comets come into and out of prominence over time. We want the metaphor to match reality.

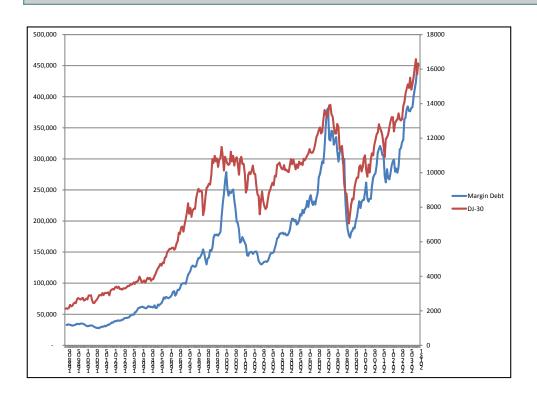
The first column shows the name. The second column shows the symbol. The third column shows the style; it begins with E for Equity and then the style (A is aggressive, W is world, WR is world regional, SC is small cap, MC is mid cap, LC is large cap, GI is growth/income, V is value). The fourth column shows the C level.

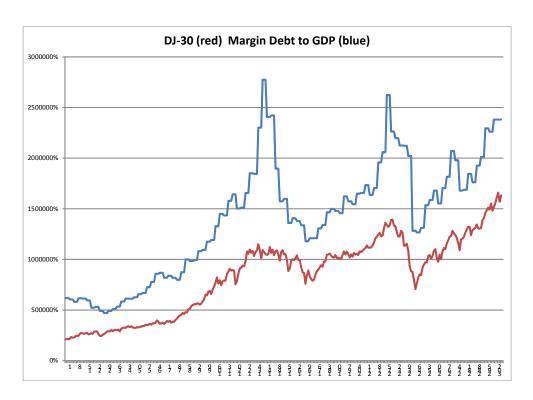
Vngrd MidCap Val	VO	EMC	3.46
PS S&P SmICap Cnsmr Dis	PSCD	ΕA	3.37
PS Dynmc FncI	PFI	ΕA	3.33
PS GIbl Listd Prvt Eqty	PSP	EW	3.21
Guggnhm Solar	TAN	ΕA	3.20
Vngrd Small Cap Value	VBR	ESC	3.03
Vngrd Small Cap	VВ	ESC	3.02
Vngrd Materials	VAW	ΕA	2.98
iShares REIT	IYR	ERE	2.89
Vngrd Utilities	VPU	ΕA	2.88
SPDR S&P Homebuilders	XHB	ΕA	2.74
Vngrd REIT	VNQ	ERE	2.72
W tree MidCap Earn	EZM	EMC	2.72
SPDR S&P Bank	KBE	ΕA	2.66
Guggnhm Insdr Sent	NFO	EMC	2.65
Select SPDR Utilities	XLU	ΕA	2.64
Select SPDR Matris	XLB	ΕA	2.50
PS WilderHill Cln Enrgy	PBW	ΕA	2.50
PS Gldn Drgn USX China	PGJ	ΕW	2.48
iShares Russel MidVal	IW S	EMC	2.47
iShares Cohen&Str REIT	IC F	ERE	2.44
SPDR S&P Metals & Mining	XME	ΕA	2.41
SPDR Wish REIT	RWR	ERE	2.30
Wtree S&P 500	EPS	ELC	2.23
Wtree Intrntl SC Div	DLS	ΕW	2.20
iShares Russell 2000	IW M	ESC	2.16
Vngrd Consmr Dis	VCR	ΕA	2.16
Select SPDR Cnsmr Disc	XLY	ΕA	2.14
PS WilderHill Prgsv Enrgy	PUW	ΕA	2.13
iShares Core S&P Mid Cap	IJH	EMC	2.08
Vngrd TTL Stock	VTI	ELC	2.07
PS Dynmc Technology	PTF	ΕA	2.00
SPDR Mid Cap Trust	MDY	EMC	2.00
Select SPDR Financis	XLF	ΕA	1.91
Guggnhm Spin Off	CSD	EMC	1.86
Alerian MLP	AMLP	EGI	1.81
Vngrd Large Cap	VV	ELC	1.77
PS Dynmc Leisure & Enter	PEJ	ΕA	1.76
W tree Ttl Earn	EXT	ELC	1.76
PS Buyback Achievers	PKW	EGI	1.73
PS FTSE RAFI US 1500 Sml-Mid	PRFZ	EMC	1.71
iShares Core S&P 500	IVV	ELC	1.64
SPDR S&P 500	SPY	ELC	1.61
PS US REIT	PSR	ERE	1.60
PS S&P 500 BuyWrite	PBP	ELC	1.57
Vngrd European Indx	VGK	ΕW	1.50
iShares EMU Indx	EZU	ΕW	1.48
SPDR DJ Industrials	DIA	ELC	1.38
iShares Europe 350	IEV	ΕW	1.31
Vngrd Fincl Srv	VFH	ΕA	1.28
PS BLDR Europe 100 ADR	ADRU	ΕW	1.27
·	-		

PS Dyn MagniQuant	PIQ	ELC	1.25
iShares Russell 2000 Value Indx	IW N	ESC	1.19
PS DB Oil	DBO	ΕA	1.16
iShares S&P 100 Indx	OEF	ELC	1.14
Wtree Intrntl Div Ex Fincl	DOO	ΕW	1.11
PS Dynmc Lrg Cap Value	PWV	ELC	1.07
Wtree MidCap Div	DON	EMC	1.07
PS S&P SmICap Utilties	PSCU	ΕA	1.05
Guggnhm Timber	CUT	EΑ	0.84
Wtree Intrntl MC Div	DIM	ΕW	0.83
Guggnhm China Sml	HAO	EWR	0.74
iShares Russell 1000 Value Indx	IW D	ELC	0.74
SPDR Euro Stoxx 50	FEZ	ΕW	0.61
Wtree Sml Cap Div	DES	ESC	0.57
Guggnhm MidCap Core	CZA	EMC	0.55
PS S&P SmICap FincI	PSCF	ΕA	0.45
iShares Telecomm	IYZ	ΕA	0.40
Guggnhm Intrntl A Incm	HGI	ΕW	0.39
PS DB Energy	DBE	ΕA	0.38
Wtree Japan Hedge Eqty	DXJ	EC	0.34
PS Dynmc Energy Explor	PXE	ΕA	0.30
Wtree DEFA Eqty Incm	DTH	ΕW	0.24
PS Hi Yld Eqty Div	PEY	EGI	0.21
PS BLDR Dvlpd Mrkt 100 ADR	ADRD	ΕW	0.15
Wtree DEFA	DWM	EW	-0.02
iShares DJ Slct Div	DVY	EGI	-0.03
PS Dynmc Energy	PXI	ΕA	-0.04
US Oil Fund	USO	ΕA	-0.04
PS FTSE RAFI Dvlp Mrkt xUSA	PXF	ΕW	-0.05
Guggnhm Multi Ast In	CVY	ΕV	-0.08
Wtree Div Ex Fincl	DTN	ELC	-0.10
Wtree LrgCap Div	DLN	ELC	-0.11
PS DB Commodity	DBC	ΕA	-0.11
iShares Sict Div	IDV	ELC	-0.12
PS Dynmc Consmr Discr	PEZ	ΕA	-0.15
SPDR DJ Glbl Titans	DGT	ΕW	-0.23
Vngrd Div Appretn	VIG	EGI	-0.27
PS Dynmc Consmr Staples	PSL	ΕA	-0.29
W tree India	EPI	EWR	-0.29
Select SPDR Div	SDY	EGI	-0.35
Wtree Intrntl LC Div	DOL	ΕW	-0.39
iShares EAFE Indx	EFA	ΕW	-0.42
iShares Gold	IAU	EG	-0.42
PS S&P 500 LowVolatility Portfolio	SPLV	ELC	-0.44
PS Intrntl Dvdnd	PID	EW	-0.45
Wtree Eqty Income	DHS	EGI	-0.48
SPDR Gold	GLD	EG.	-0.48
PS Dynmc Food & Bev	PBJ	EA	-0.52
PS Dividend Achievers	PFM	EGI	-0.53
. 5 Sittaona Admictors	1 1 171		0.55

PS FTSE RAFIDvip Mrkt xUSA Smi	PDN	E W	-0.56
Vngrd Europe Pacific	VEA	E W	-0.57
Guggnhm Dfnsv Eqty	DEF	ΕV	-0.61
Vngrd Consmr Stpls	VDC	ΕA	-0.64
Select SPDR Cnsmr Stp1	XLP	ΕA	-0.66
iShares Canada	EW C	E W	-0.76
PS DB Gold	DGL	E G	-0.77
PS Glbl Agriculture	PAGG	ΕA	-0.78
SPDR S&P Retail	XRT	ΕA	-0.80
Vngrd TTL Intrntl Stk	VXUS	E W	-0.87
Select SPDR Enrgy	XLE	E A	-0.89
PS S&P Sm   Cap Cnsm r Stp	PSCC	ΕA	-0.98
Guggnhm Glbl Div	LVL	E W	-1.03
W tree Intrntl Utilities	DBU	E W	-1.05
Pro Shares Short S&P 500	S H	E C	-1.11
PS India	PIN	E W	-1.13
Guggnhm Candn Enrg Incm	ENY	EW R	-1.18
W tree Glbl Eqty Incm	DEW	E W	-1.19
PS S&P Sm ICap Energy	PSCE	ΕA	-1.22
W tree Japan SC Div	DFJ	E W R	-1.31
iShares Taiwan Indx	EWT	E W	-1.40
PS DB Base Metals	DBB	E G	-1.44
PS DB Precious Metals	DBP	E G	-1.50
W tree W orld Ex US Grth			-1.57
	DNL	E W	
iShares Japan	E W J	E W	-1.76
iShares Hong Kong Indx	EW H	E W	-1.82
Guggnhm China All	YAO	EW R	-1.84
SPDR S&P Oil & Gas Expl. & Prod.	XOP	ΕA	-1.89
Market Vectors Oil Services	OIH	ΕA	-1.94
iShares Mexico	EW W	E W	-2.01
iShares Pacific ex Jpn	EPP	E W	-2.08
PS Dynmc Oil & Gas Srvcs	PXJ	ΕA	-2.18
iShares Malaysia Indx	EW M	E W	-2.45
iShares Australia	EW A	E W	-2.54
PS Emrg Mrkt Infrastrctr	PXR	E W	-2.59
PS BLDR Asia 50 ADR	ADRA	E W	-2.63
Pro Shares Short Russell 2000	R W M	ESC	-2.65
W tree Intrntl R E IT	DRW	ERE	-2.70
iShares Singapore	EW S	E W	-2.74
PS FTSE RAFI Asia Pac xJpn	PAF	E W	-2.85
PS GIbl Gold Precious Mtls	PSAU	E G	-3.06
iShares South Korea Indx	EW Y	EW	-3.16
Vngrd Emrg Mrkt	V W O	E W	-3.19
Guggnhm Frntr			-3.20
W tree Emrg Mrkt SC Div	FRN DGS	E W	-3.21
		E W	
PS Dynmc Retail	P M R	E A	-3.24
iShares Emrg Mrkt Stk	EEM	E W	-3.34
PS BLDR Emrg Mkt 50 ADR	ADRE	E W	-3.59
PS FTSE RAFIEmrg Mrkt	PXH	E W	-3.66
W tree Emrg Mrkt Eincm	DEM	E W	-4.11
PS DW A Emrg Mrkt T Ldrs	PIE	E W	-4.13
iShares Silver	SLV	E G	-4.18
Guggnhm BRIC	EEB	E W	-4.49
iShares China	FXI	E W	-4.64
Guggnhm China REIT	TAO	EW R	-4.85
PS DB Silver	DBS	E G	-5.10
Market Vectors Russia	RSX	E W	-5.20
Market Vectors Gold Minors	GDX	E G	-5.52
iShares Latin Amr	ILF	E W	-5.96
iShares Brazil Indx	EW Z	E W	-9.33
		E G	-15.26
Market Vectors Junior Gold Miners	GDXJ	E G	-13.20

## Margin Debt alone and as Percentage of GDP





The top chart shows margin debt and the Dow Jones Industrials. The bottom chart shows margin debt as a percentage of GDP and the DJI.

Either way you measure it, margin debt denotes a very bullish attitude. In a sell off, one either has to post more cash or sell in order to maintain the margin level.

## Overflow from Page 1, Definitions, and Newsletter Updates

(Continued from page 1) **REVIEW** hitting new highs.

We simply don't know which will happen. We do know the market remains overvalue, overbought, and overextended. See also the charts on page eleven about margin debt. These things are still bearish.

But we also know the trend remains up. This is bullish. So, rather than second guess the outcome to the situation, we'll let the World Growth timing model signal any changes for us. Right now it remains bullish.

This is an advantage of back testing a strategy by the way. There's some assurance that the daily squiggles and squirms are dealt with, rather than guessed about. In other words, divergences have been seen and solved for before sometimes to the upside and other times to the downside.

In the meantime, see the portfolios for more information.

Just to clarify a couple of terms that I use regularly.

Short-term is days to weeks.

Intermediate-term is weeks to months.

Long-term is months to years.

Cyclical is 1-5 years.

Secular is 5 years to decades.

Bull market is a series of higher highs and higher lows.

Bear market is a series of lower lows and lower highs.

Neutral market is sideways without a discernible pattern.

Oddly, bull and bear markets may occur simultaneously, but only over different time periods. For example, we may be in a secular bear market, but there are cyclical bull and bear markets within that.

Closing stops are "mental". I look at the position at quarter to the close. If it is trading below the stop (or above if short), then I act with the assumption the security will trigger that closing stop on that day. I sell (or cover) at the close that day.

Portfolio stops for the World Growth Model are internally maintained; they are based on the World Growth Index, not the individual ETFs. Stops will be emailed when close or if triggered.

3/10 The "window to buy" chart is updates. See also the new charts on page 11.

3/3 No changes.

2/24 Couple of database changes. Deleted PXN that suspended trading. Deleted another that changed symbols, but was not very liquid. Deleted VXX too volatile (doesn't trend well).

2/18 Still working on the World Income Model.

2/10 No changes.

2/3 Made an ETF database change. Deleted a low volume ETF and added a larger volume ETF.

1/27 Work continues on that combined timing model (trends and contraries). See comment/letter 12/2.

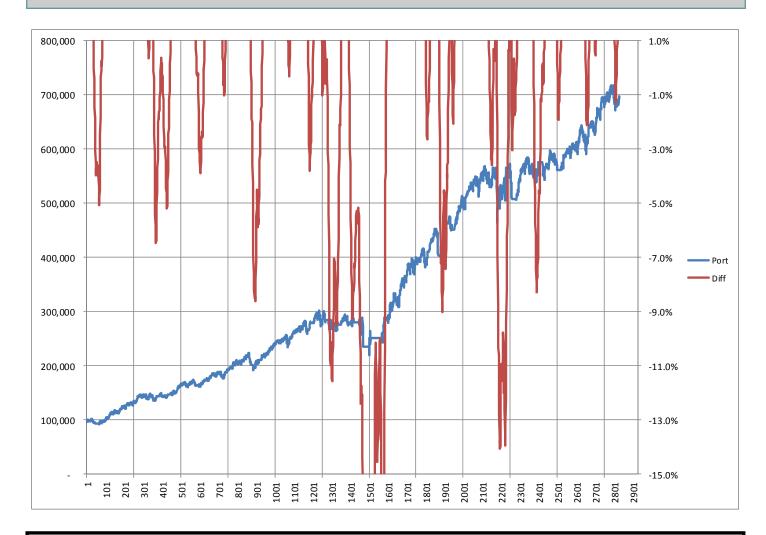
1/21 No changes.

1/13 No updates.

1/6 No changes.

12/30 Happy New Year.

## Window to Buy (closed)



The chart above shows the World Growth Model (WGM-blue line) and the Window to buy (Windowred spikes). The chart covers the period from 12/5/2002 through the present. The vertical lines mark off about 1 year increments.

The Window to Buy is to answer the question if I missed the initial timing model buy signal, then when do I either buy my initial position or increase my position with additional money?

Being risk-averse, I wanted a way to answer this sensibly, which is try to buy on measured corrections, rather than chase the market higher and higher. The Window to Buy is the answer. The caveat is that in a strong, early bull market, this approach may miss the early gains, unless you are already following the World Growth Model strategy. But the rest of the time, the Window is a solid approach to managing portfolio risk.

The base line for the Window is 0%. When the WGM is above that level, the window is closed. It doesn't mean the market can't or won't go higher. It just means that the downside risk to the potential stop or sell signal is too large. When the WGM drops enough, then the window to buy opens.

When the Window opens, it represents a lower-risk entry period. If the market recovers to new highs, the window will close again. If the market continues lower, either the sell stop will be triggered or the timing model will signal a sell. The timing model sell signal overrides the Window to Buy.

What normally happens in up markets is the timing model remains on a buy, while the market corrects and opens the Window to Buy. It then reverses and heads higher with more investment dollars on board for the rally.

## **Descriptions & Disclosures**

#### **PORTFOLIO DESCRIPTIONS (pages 2 and 6)**

Our guiding goal is to provide the most return with the least risk consistently through bull and bear markets.

Income Portfolio, page2: Uses a proprietary selection methodology on all of the monitored bond-oriented ETFs to pick the top ETFs. I then use a proprietary timing model to decide whether to buy, sell, hold, or avoid. From time to time, timing considerations may take precedence over selections; in other words, we may own lower ranked funds because of anticipated timing changes.

Growth Portfolio, page 6: As of 12/10/12, it is based on the World Growth Index (WGI), which is made up of a static fully invested 20% in each of five ETFs (EEM, EFA, IWM, QQQ, SPY). The Portfolio will buy and sell the WGI based on proprietary timing signals. On 9/23/13, the new C-lect 5 is also part of this portfolio. It too uses timing.

Both portfolios were started on 1/1/10 with \$100,000. As mentioned, the Growth Portfolio strategy was changed on 12/10/12 to the World Growth Model and again on 9/23/13 to incorporate the C-lect 5 model.

Portfolio changes will usually be made at the close on Monday, unless otherwise noted in any emailed hotline update or triggered stop orders. Issues are normally posted on Mondays by 1:35pm cst (Tuesday if Monday is a holiday, defined as market closed). Portfolios are updated through the Friday close the week before.

Dividends are reinvested in additional shares.

Commissions of \$10 per trade are applied. Interest is currently zero for the money market (cash) position.

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Unless otherwise noted, the weekly eNewsletter is posted by 1:35 PM central time each Monday, except for holidays (closed stock market) and then on Tuesday. It may contain actionable, specific buy or sell advice to take that day at the Monday (or Tuesday) close in each portfolio. We may also use stop orders. For stops, check the ETF at quarter to the close. If it is below (or above) a stop level, assume it will close there and act on that. Portfolio data will be updated through the previous Friday's close. Fund symbols, rather than names, are the official identification used for activity.

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